



PATENT ABSTRACTS OF JAPAN

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(54) **PERITONEUM DIALYZING DEVICE**

(57) Abstract:

PURPOSE: To enable continuous infusion and discharge of a dialysis liquid so as to enhance the efficiency of dialysis by separating the inner cavity of a catheter into a dialysis injection cavity portion connected to an inlet conduit and an abdominal dialysis liquid discharge cavity portion connected to an outlet conduit, the catheter being always inserted in the abdomen.

CONSTITUTION: A double lumen catheter 30 inserted in the abdomen 1 from the surface 2 of a patient and always planted in the body is comprised of an outer tube and an inner tube and used to infuse and discharge liquids through a plurality of dialysis liquid injection holes 5 formed in that portion of the inner tube which is projected to the end of the outer tube and in the pipe wall of the outer tube and through a liquid discharge hole 6 for the dialysis liquid retained in the abdomen. Connectors 9,10 are provided at the respective ends of the inner and outer tubes and connected

to an outlet conduit 8 and an inlet conduit 7, respectively, and also each connector 9,10 is closed by a cap during the active period of the daytime. The catheter 30 is connected to a dialysis device equipped with a dialysis liquid storage container 22, a heater 26 and a disinfecting filter 27, etc.

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